

SEQUENCE LISTING

<110> Deneris, Evan S.
 Fyodoro, Dmitry V.
 Hendricks, Timothy J.

<120> Reagents and Methods for the Screening of Compounds
 Useful in the Treatment of Neurological Diseases

<130> CASE-04027

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<150> 09/360,779

<151> 1999-07-26

<160> 23

<170> PatentIn Ver. 2.0

<210> 1

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<212> DNA

<213> Rattus norvegicus

<220>

<221> CDS

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gac cca ggt ggc gct cct ctg ggg gag agg gtt cca gcc ccc cac ccc 165
Asp Pro Gly Gly Ala Pro Leu Gly Glu Arg Val Pro Ala Pro His Pro
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cct cag ccc cat ccc ctc aca gct cac tcc tcc agt aca ccg gca ccg 213
Pro Gln Pro His Pro Leu Thr Ala His Ser Ser Ser Thr Pro Ala Pro
      20                      25                      30
gga tgg gct ggg atg cag ctc cag gac ccc ctc cct cct cac cac acc 261
Gly Trp Ala Gly Met Gln Leu Gln Asp Pro Leu Pro Pro His His Thr
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ctg gct gcc cgc tcc cgc cag gcc ttg ccg gac ccg gcg gcg tct act 309
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Leu Pro Cys His Pro Gln Ser Pro Arg Ala Gly Ile Gly Thr Pro Ser
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 Tyr His
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 Ala Pro Gly Trp Ala Gly Met Gln Leu Gln Asp Pro Leu Pro Pro His
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 His Thr Leu Ala Ala Arg Ser Arg Gln Ala Leu Pro Asp Pro Ala Ala
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 Ser Thr Leu Pro Cys His Pro Gln Ser Pro Arg Ala Gly Ile Gly Thr
 65 70 75 80
 Pro Ser Ala Lys Leu Thr Cys Pro Pro Val Arg Ser Pro Pro Ser Pro
 85 90 95
 Thr Ala Gln Ser Pro Ala Ala Met Arg Gln Ser Gly Thr Ser Gln Pro
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 Leu Leu Ile Asn Met Tyr Leu Pro Asp Pro Val Gly Asp Gly Leu Phe
 115 120 125
 Lys Glu Gly Lys Ser Pro Ser Trp Gly Pro Leu Ser Pro Ala Val Gln
 130 135 140
 Lys Gly Ser Gly Gln Ile Gln Leu Trp Gln Phe Leu Leu Glu Leu Leu
 145 150 155 160
 Ala Asp Arg Ala Asn Ala Gly Cys Ile Ala Trp Glu Gly Gly His Gly
 165 170 175

Glu Phe Lys Leu Thr Asp Pro Asp Glu Val Ala Arg Arg Trp Gly Glu
 180 185 190
 Arg Lys Ser Lys Pro Asn Met Asn Tyr Asp Lys Leu Ser Arg Ala Leu
 195 200 205
 Arg Tyr Tyr Tyr Asp Lys Asn Ile Met Ser Lys Val His Gly Lys Arg
 210 215 220
 Tyr Ala Tyr Arg Phe Asp Phe Gln Gly Leu Ala Gln Ala Cys Gln Pro
 225 230 235 240
 Pro Pro Ala His Ala His Ala Ala Ala Ala Ala Ala Ala Ala Ala
 245 250 255
 Ala Ala Gln Asp Gly Ala Leu Tyr Lys Leu Pro Ala Gly Leu Ala Pro
 260 265 270
 Leu Pro Phe Pro Gly Leu Ser Lys Leu Asn Leu Met Ala Ala Ser Ala
 275 280 285
 Gly Val Ala Pro Ala Gly Phe Ser Tyr Trp Pro Gly Pro Asn Ala Thr
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 Gly His Tyr His
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<222> (1)
<223> The amino acid at this position can be isoleucine,
valine, or leucine.

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<220>
<221> SITE
<222> (2)
<223> The amino acid at this position can be glutamine,
tyrosine, or threonine.

<220>
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<223> The amino acid at this position can be glutamic
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<213> Artificial Sequence

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acid or glutamic acid.

<220>
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<222> (5)
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threonine.

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methionine.

<220>
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<210> 16
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<210> 18
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<220>
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gatccatcaa gtagc 15

<210> 21
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<400> 21
gtcacttgat ggatc 15

<210> 22
<211> 37
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37

<210> 23
<211> 37
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<400> 23
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